

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12889	ruo or "ruo.sub\$" or "ruo.sub.2" or ruthenium oxide or ruthenate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/27 09:40
L2	4654	1 and @pd<"19950529"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:41
L3	522973	TiN or titanium nitride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/04/27 09:41
L4	5138	L3 and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:41
L5	1871574	platinum pt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:41
L6	3928	4 and L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:41
L7	3928	L3 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:42
L8	3928	7 and L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:43

## EAST Search History

L9	11662	ruo or "ruo.sub\$" or "ruo.sub.2" or ruthenium oxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/04/27 09:43
L10	4287	L9 and @pd<"19950529"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:43
L11	801	L3 and L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:43
L12	519	L11 and L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:43
L13	16	dram and L12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:43
L14	1245	dram and 7 not L13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:43
L15	34	"5185689" and (Ru ruthenium ruthenate ruthenide) and (Pt platinum) and (tiN titanium adj nitride)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 09:44
L16	95	("5185689" "5554564" "5566045") and (Ru ruthenium ruthenate ruthenide) and (Pt platinum) and (tiN titanium adj nitride)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 09:44

## EAST Search History

L17	30	( "4476547"   "5003428"   "5005102"   "5053917"   "5122477"   "5497017"   "5532956"   "5566045"   "5576928"   "5581436"   "5589284"   "5604659"   "5604696"   "5608247"   "5619393"   "5723171"   "5926716"   "5937294"   "5952687"   "5998250"   "6043526"   "6049103"   "6051859"   "6080617"   "6100200"   "6153490"   "6207524"   "6218297"   "6403414"   "6421223" ).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44
L18	18	L17 and (Ru ruthenium ruthenate ruthenide) and (Pt platinum) and (tiN titanium adj nitride)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 09:44
L19	13	( "4809225"   "4853983"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5053917"   "5079200"   "5122923"   "5191510" ).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44
L20	18	( "4809225"   "4853983"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5053917"   "5079200"   "5122923"   "5142437"   "5155658"   "5191510"   "5254217"   "5266558"   "5270298" ).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44
L21	16	( "4809225"   "4853983"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5053917"   "5079200"   "5122923"   "5191510"   "5262920"   "5374578"   "5406447" ).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44
L22	14	( "4809225"   "4853983"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5003428"   "5053917"   "5079200"   "5122923"   "5191510"   "5218644" ).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44
L23	16	( "4809225"   "4853983"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5053917"   "5079200"   "5122923"   "5191510"   "5262920"   "5374578"   "5406447" ).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44

## EAST Search History

L24	16	("4809225"   "4853983"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5053917"   "5079200"   "5122923"   "5191510"   "5262920"   "5374578"   "5406447").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44
L25	5	(L19 L20 L21 L22 L23 L24) and (Ru ruthenium ruthenate ruthenide) and (Pt platinum) and (tiN titanium adj nitride)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 09:44
L26	110	Summerfelt-s\$.in. and (Ru ruthenium ruthenate ruthenide) and (Pt platinum) and (tiN titanium adj nitride)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 09:44
L27	17	("4809225"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5053917"   "5079200"   "5122923"   "5191510"   "5283204"   "5335138"   "5352622"   "5381302"   "5392189").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44
L28	5	L27 and (Ru ruthenium ruthenate ruthenide) and (Pt platinum) and (tiN titanium adj nitride)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 09:44
L29	4590	"ruo.sub:2"	US-PGPUB; USPAT	OR	OFF	2006/04/27 09:44
L30	512	ruo	US-PGPUB; USPAT	OR	OFF	2006/04/27 09:44
L31	360	L30 not L29	US-PGPUB; USPAT	OR	OFF	2006/04/27 09:44
L32	522973	TiN or titanium nitride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/04/27 09:44
L33	1871574	platinum pt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
L34	2786	(257/295,298,310).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44

## EAST Search History

L35	5	(US-5824563-\$ or JP-07099291-\$ or JP-06085173-\$ or JP-06326250-\$ or JP-08191137-\$).did.	DERWENT	OR	OFF	2006/04/27 09:44
L36	9	"ruo.sub\$"	US-PGPUB; USPAT	OR	OFF	2006/04/27 09:44
L37	512	ruo	US-PGPUB; USPAT	OR	OFF	2006/04/27 09:44
L38	33	(tin titanium adj nitride) same (ruo ruthenium adj oxide) same (platinum pt) and plug and (overetch over-etch overetched over-etched overetching over-etching over adj etch over adj etched over adj etching )	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
L39	8	(tin titanium adj nitride) same (ruo ruthenium adj oxide) same (platinum pt) and plug and "5566045"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
L40	8	L39 and (etch etched etching )	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
L41	8	(tin titanium adj nitride) same (ruo ruthenium adj oxide) same (platinum pt) and plug and "5566045"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
L42	9	(tin titanium adj nitride) same (ruo ruthenium adj oxide) same (platinum pt) and "5566045"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
L43	69	hyundai and storage adj electrode adj mask	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
L44	6	hyundai and storage adj electrode adj mask and (tin or titanium adj nitride or barrier ) and (ruo ruthenium adj oxide ruthenate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44

## EAST Search History

L45	18	"560087"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
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